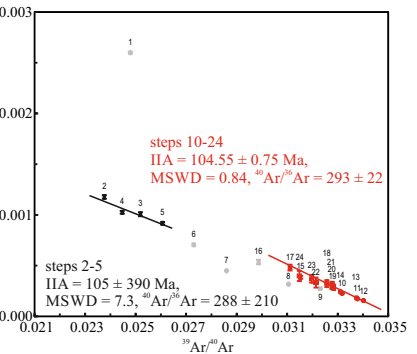
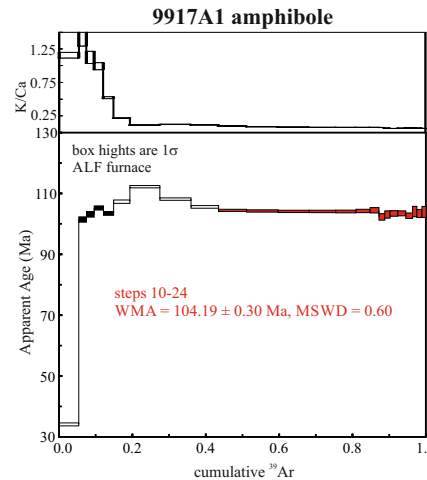
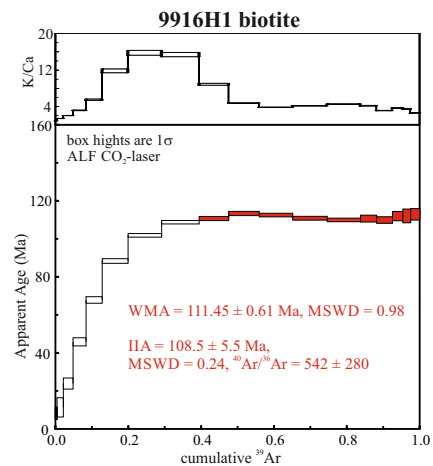
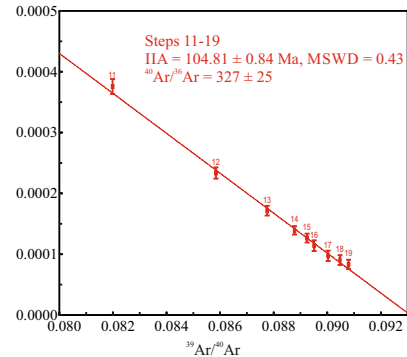
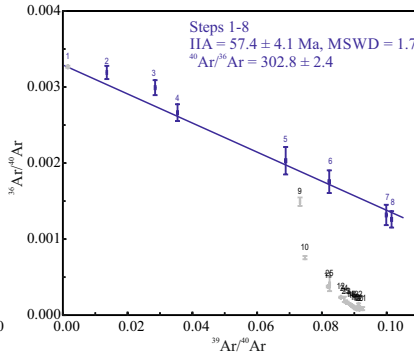
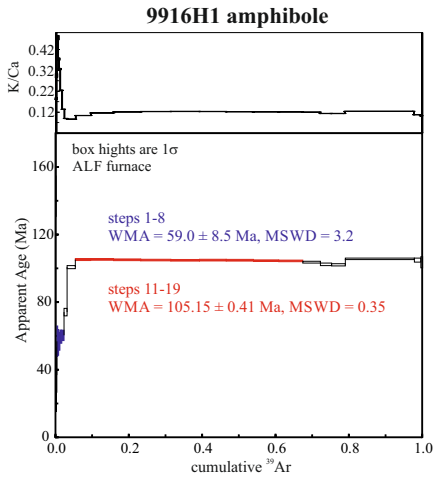
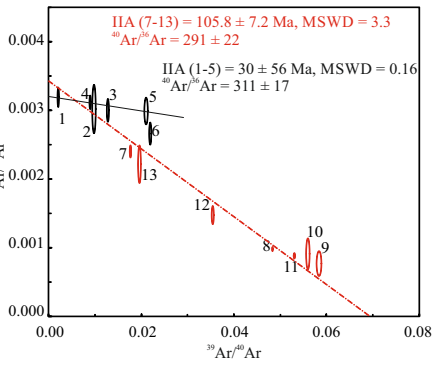
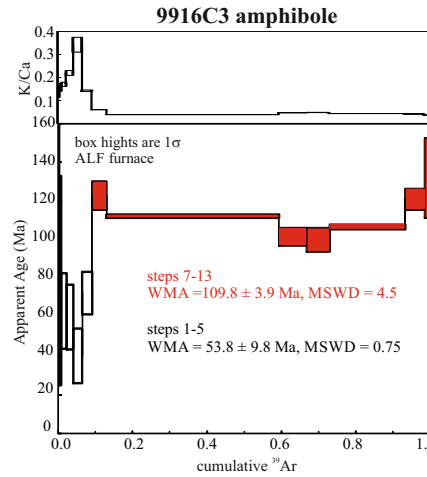
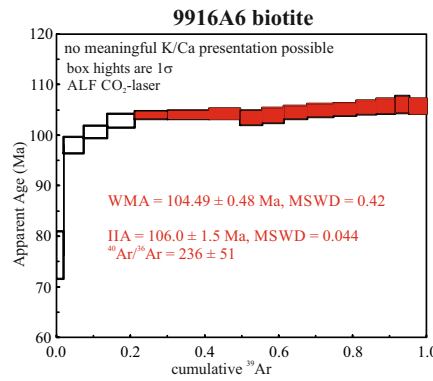
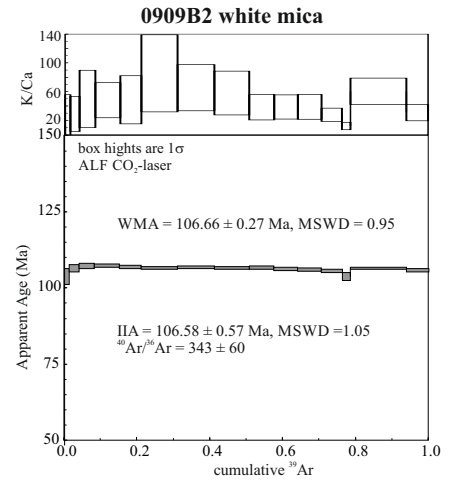
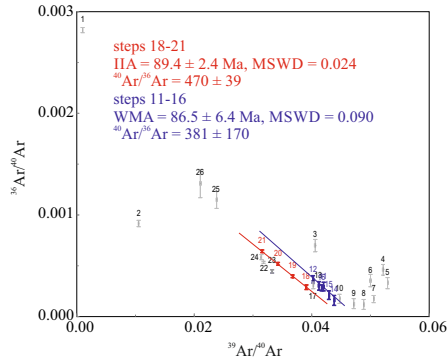
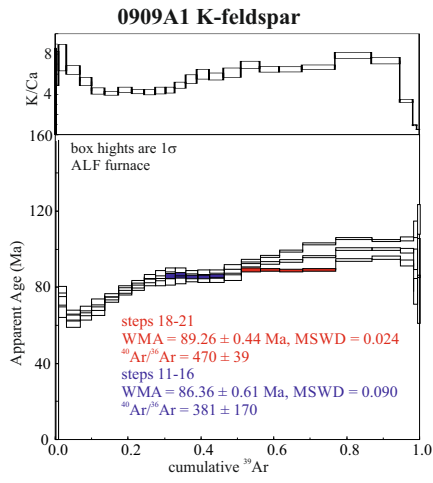
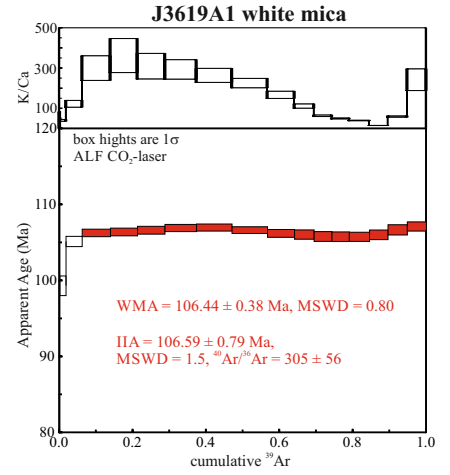
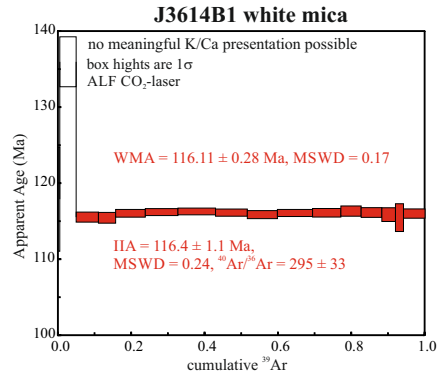
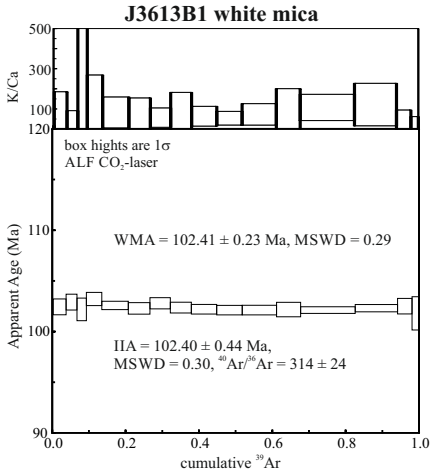
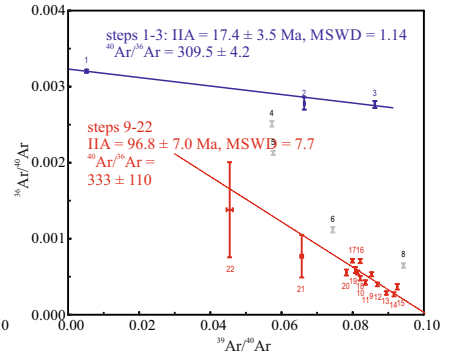
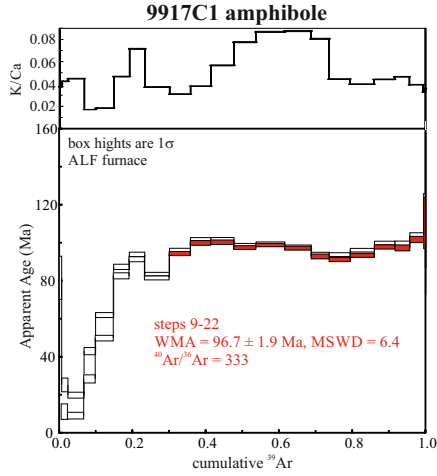
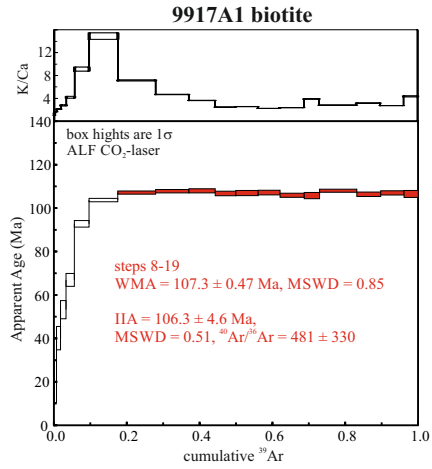


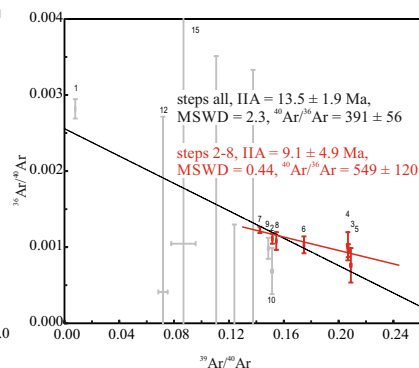
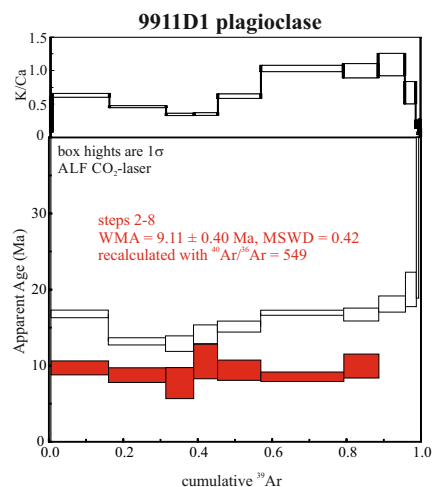
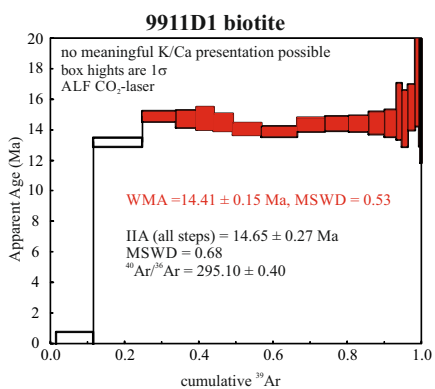
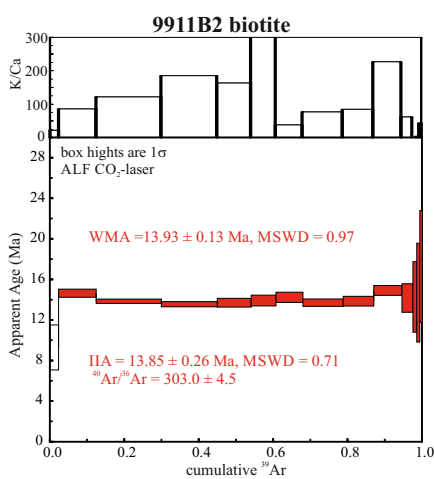
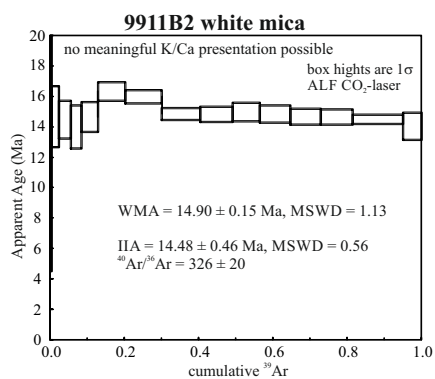
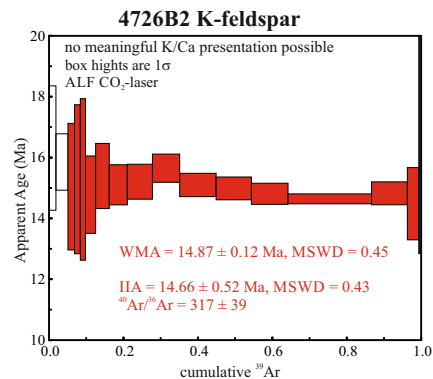
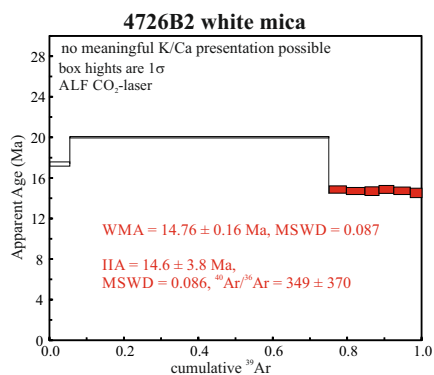
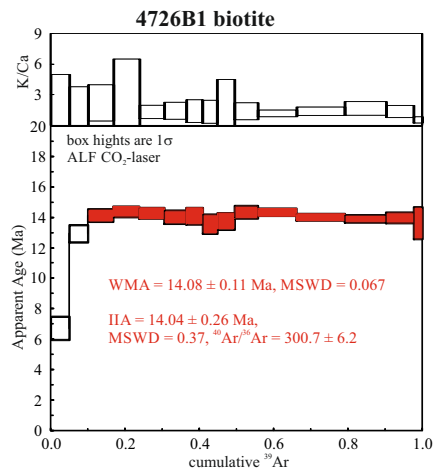
# Alichur-dome hanging wall



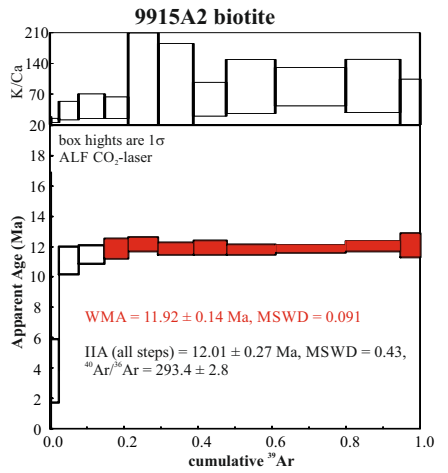
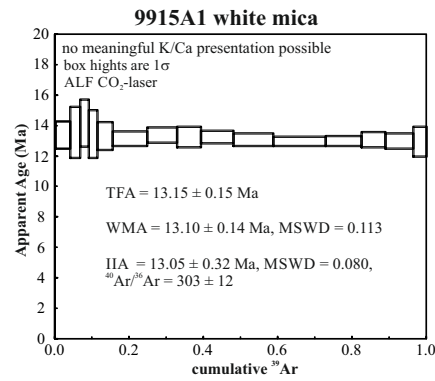
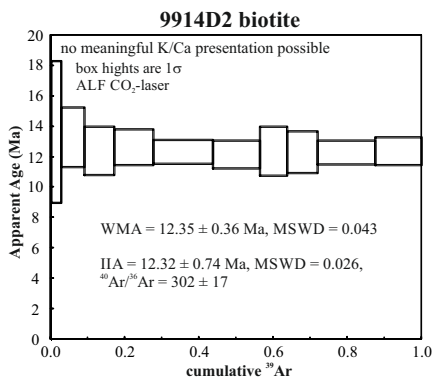
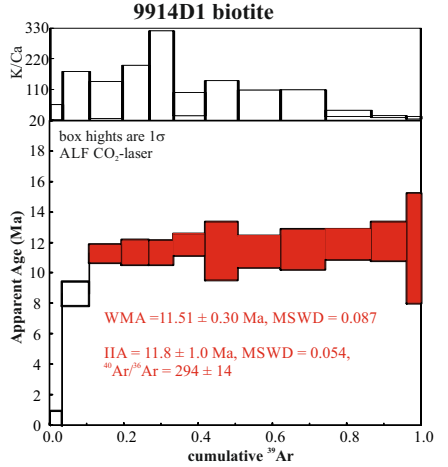
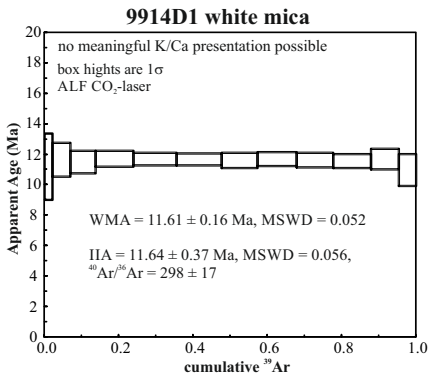
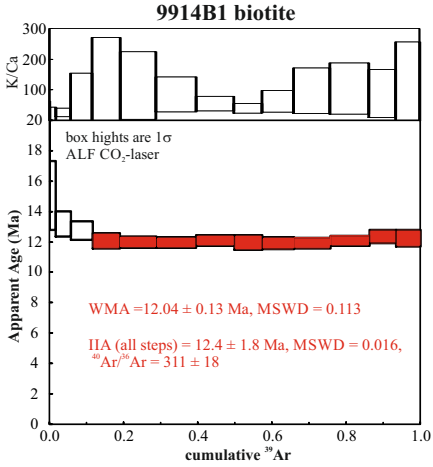
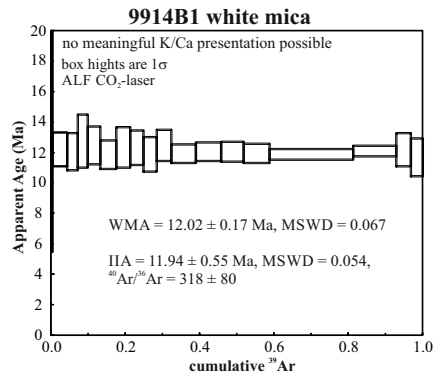
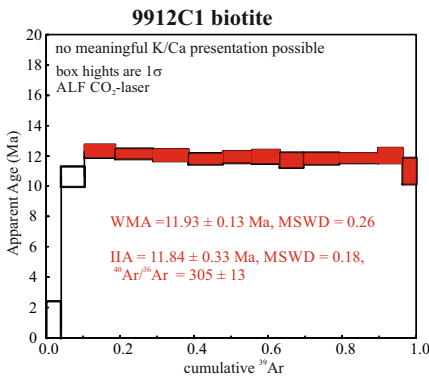
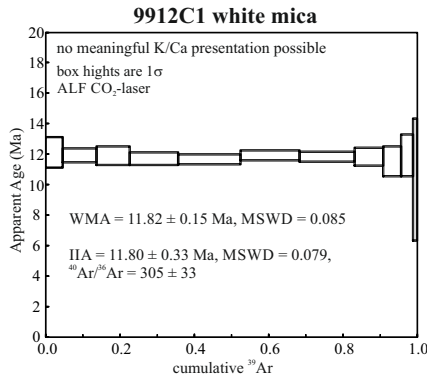
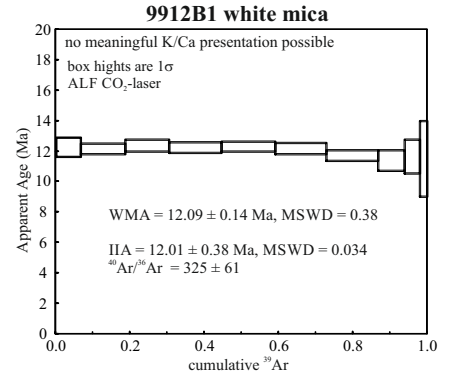
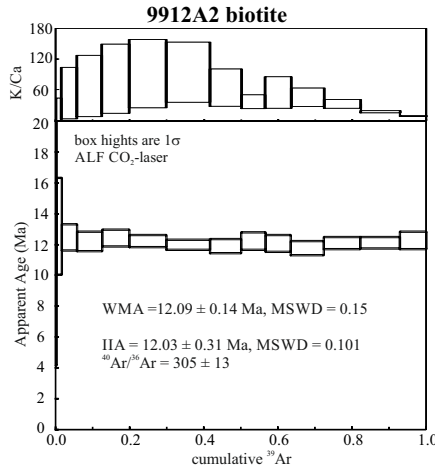
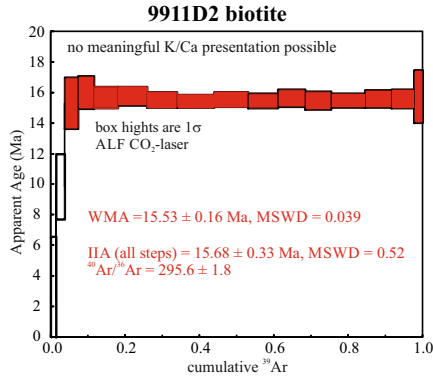
# Alichur-dome hanging wall



# Alichur-dome footwall

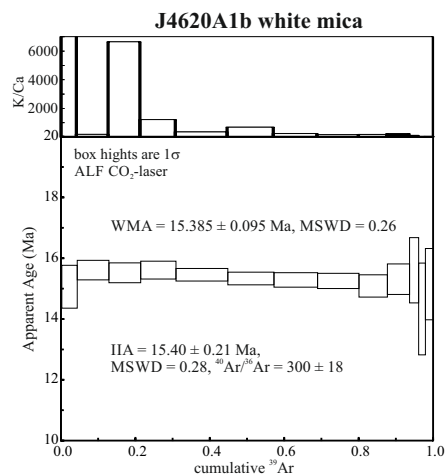
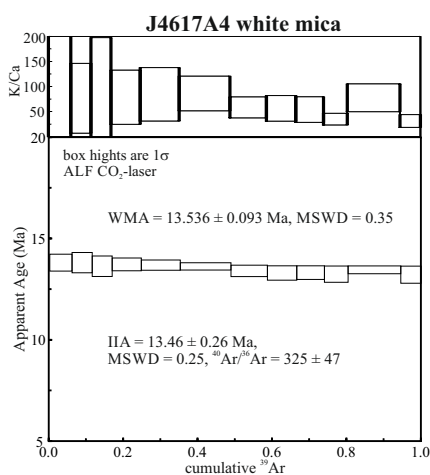
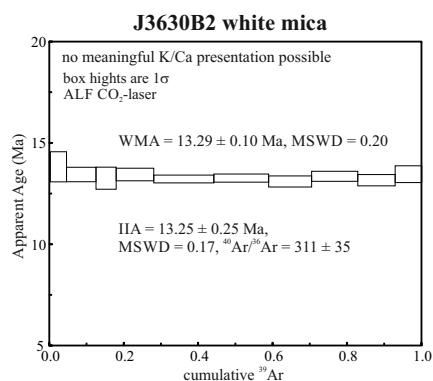
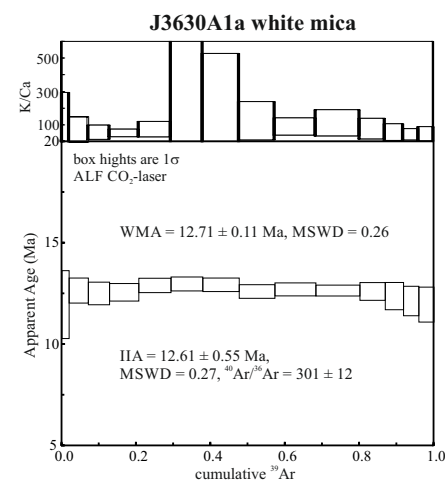
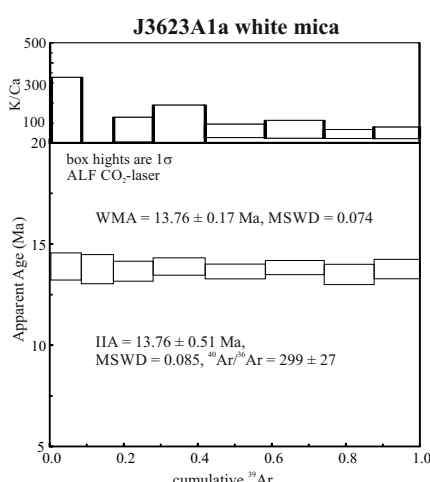
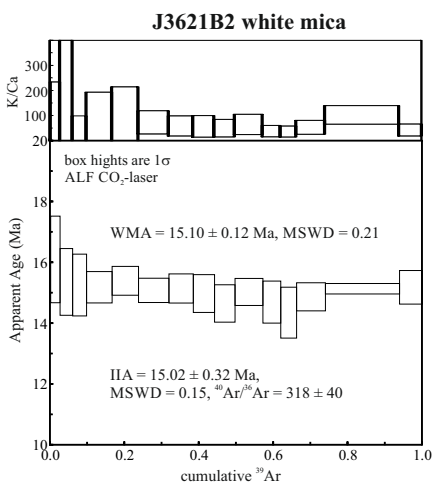
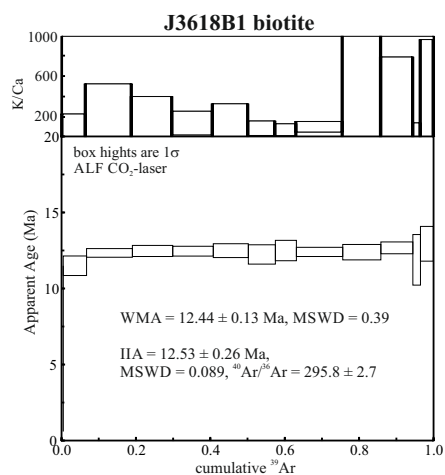
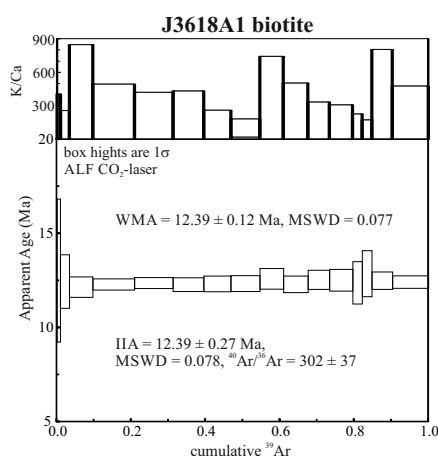
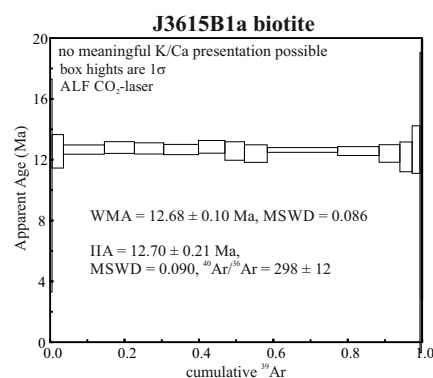
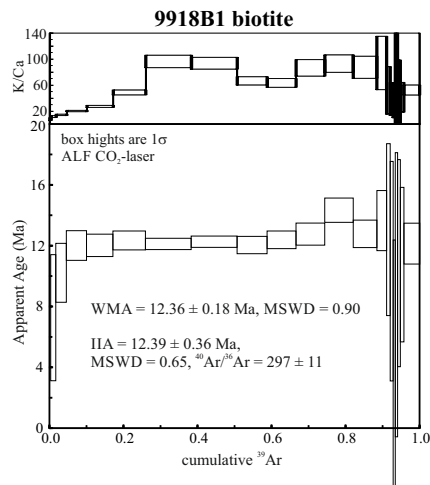
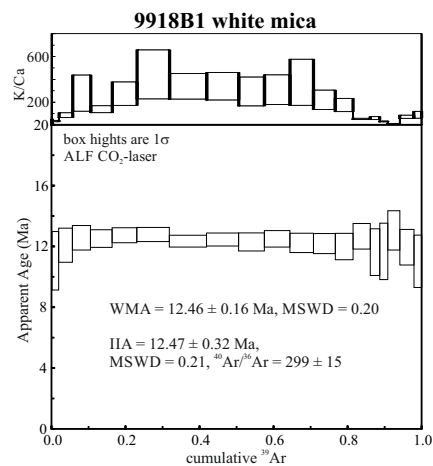


# Alichur-dome footwall, continuation

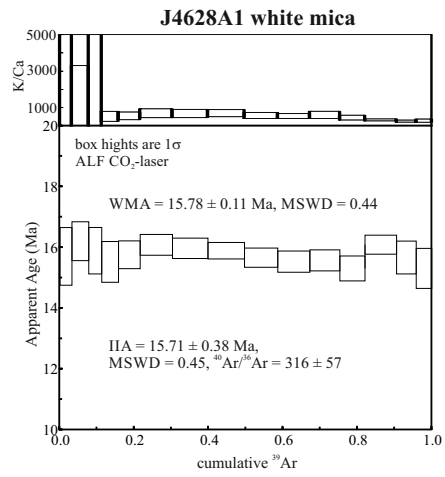
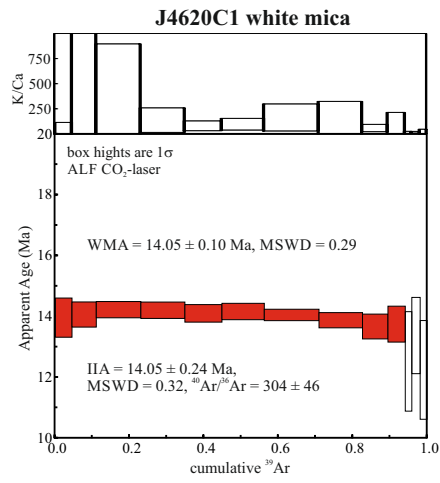




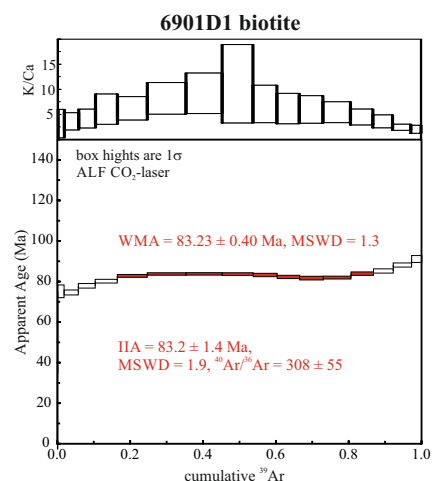
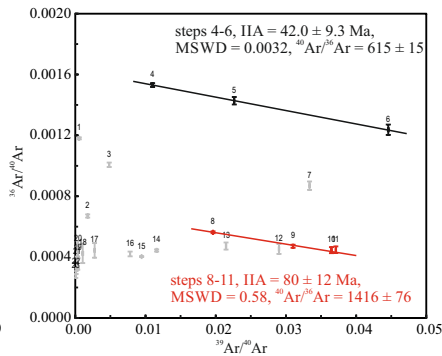
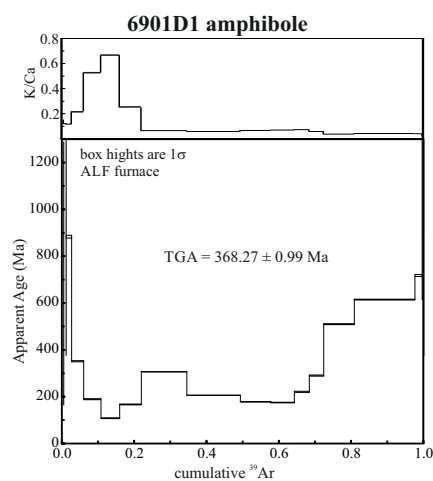
# Alichur-dome footwall, continuation



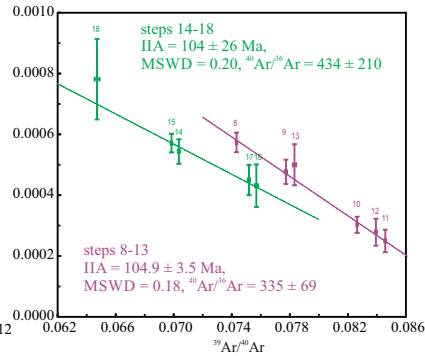
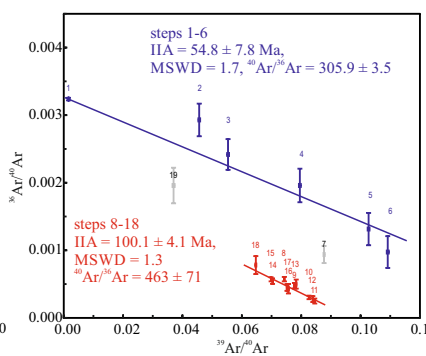
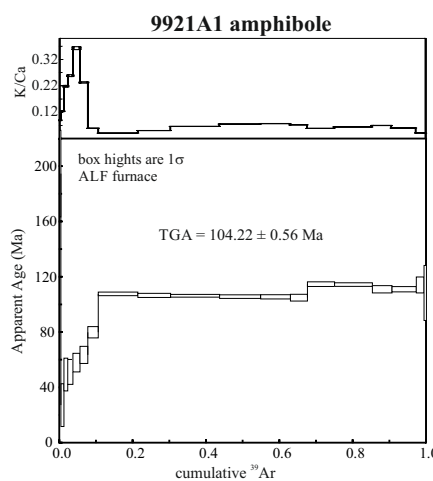
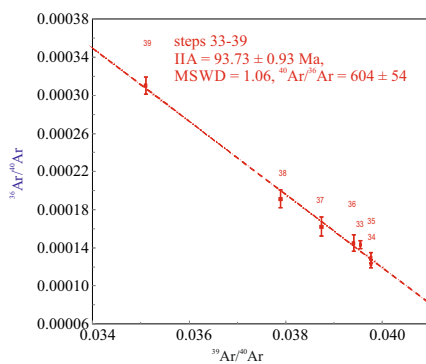
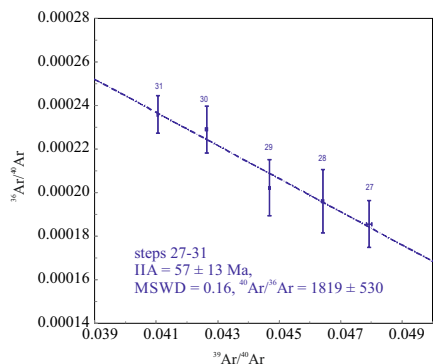
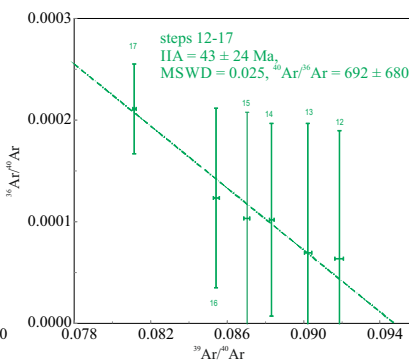
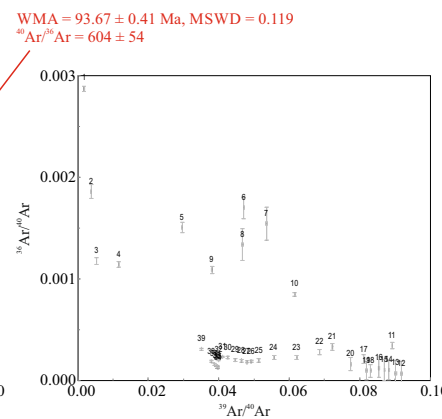
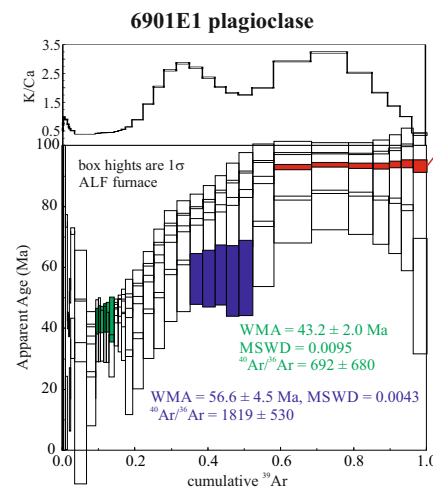
## Alichur-dome footwall, continuation



# Turumtai horst

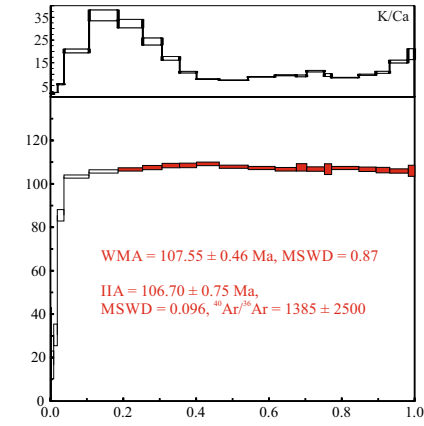


Not used in publication



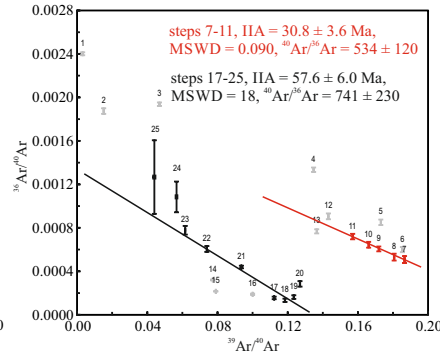
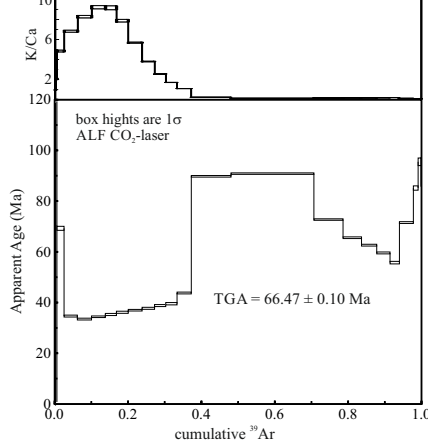
## Turumtai-horst continuation

9921A1 biotite

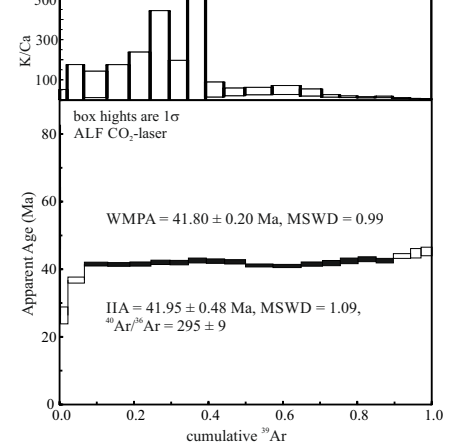


## Western Gunt shear zone

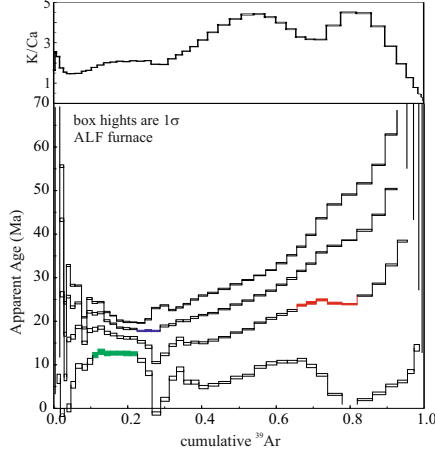
6904E1 amphibole & biotite mixture



6904E1 biotite



6904E1 K-feldspar



steps 35-39  
WMA =  $24.17 \pm 0.52$  Ma, MSWD = 4.2  
 $^{40}\text{Ar}/^{36}\text{Ar} = 782 \pm 72$

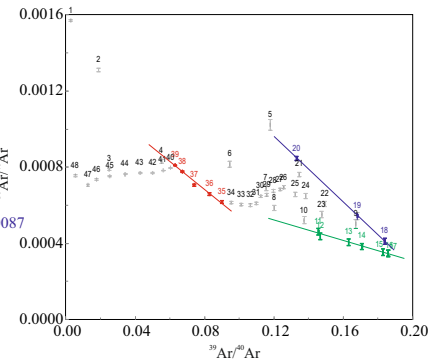
steps 18-20  
WMA =  $17.89 \pm 0.12$  Ma, MSWD = 0.0043  
 $^{40}\text{Ar}/^{36}\text{Ar} = 502 \pm 26$

steps 11-17  
WMA =  $12.93 \pm 0.19$  Ma, MSWD = 0.15  
 $^{40}\text{Ar}/^{36}\text{Ar} = 1213 \pm 200$

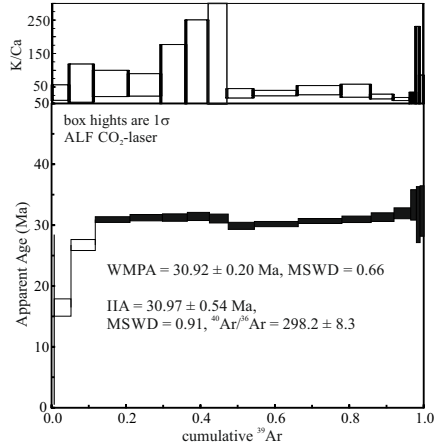
steps 35-39  
IIA =  $24.2 \pm 3.4$  Ma, MSWD = 6.2,  $^{40}\text{Ar}/^{36}\text{Ar} = 782 \pm 72$

steps 18-20  
IIA =  $17.91 \pm 0.53$  Ma, MSWD = 0.0087  
 $^{40}\text{Ar}/^{36}\text{Ar} = 502 \pm 26$

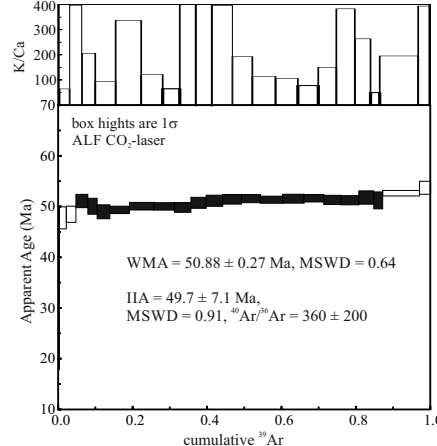
steps 11-17  
IIA =  $12.9 \pm 2.1$  Ma, MSWD = 0.18  
 $^{40}\text{Ar}/^{36}\text{Ar} = 1213 \pm 200$



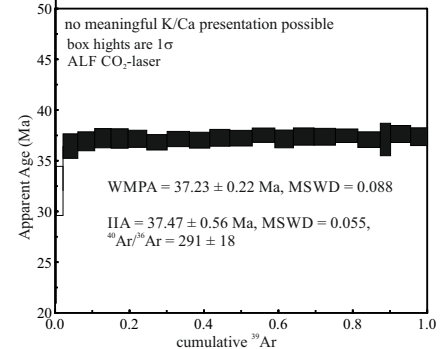
6904F1 biotite



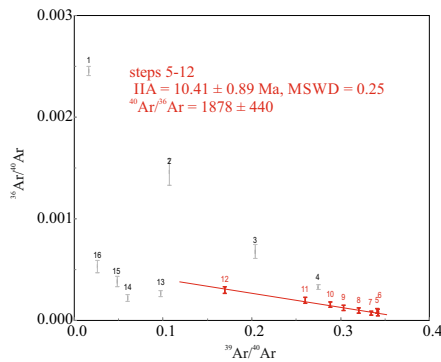
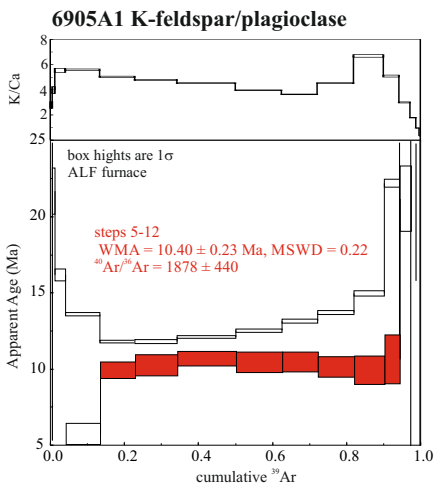
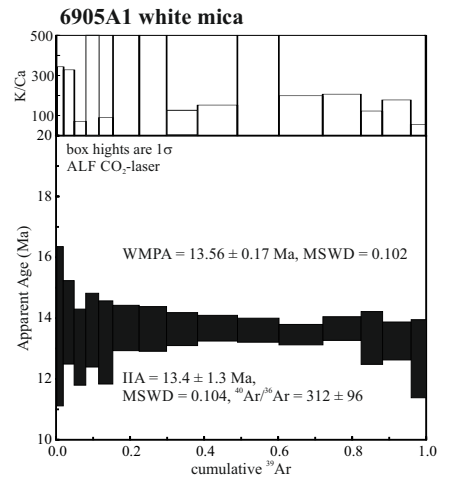
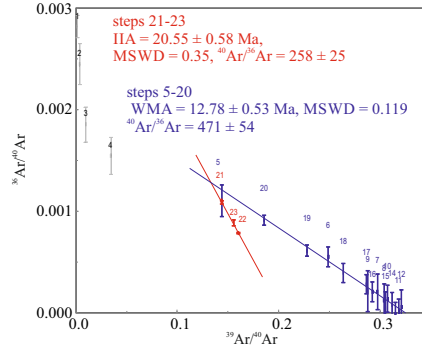
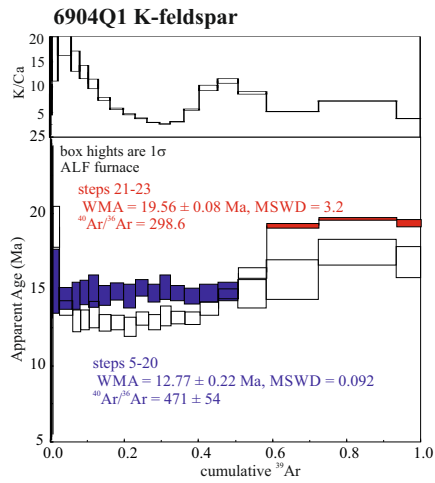
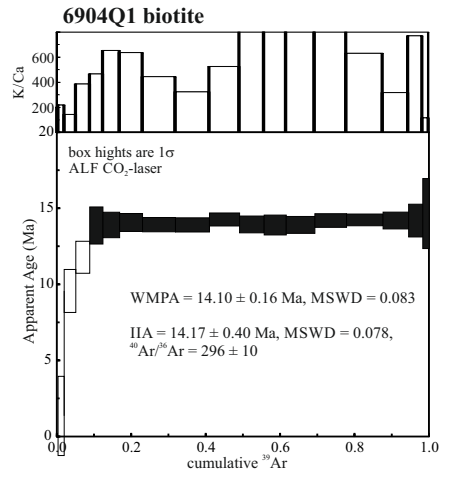
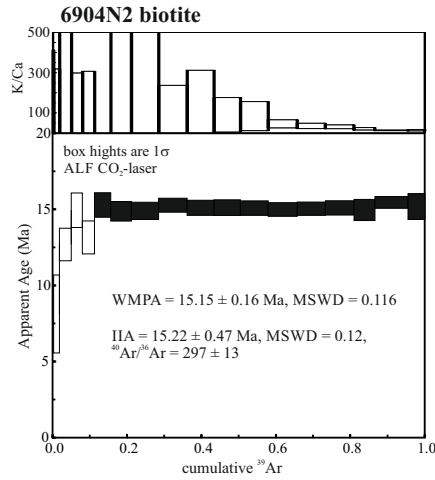
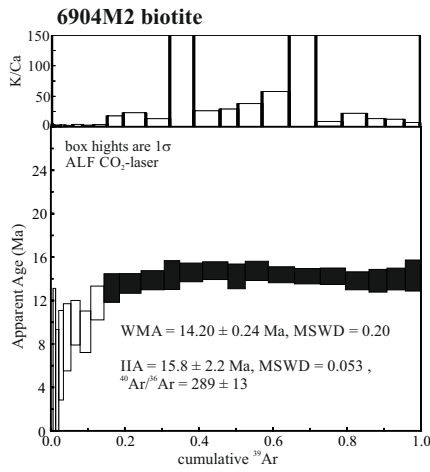
6904G1 white mica



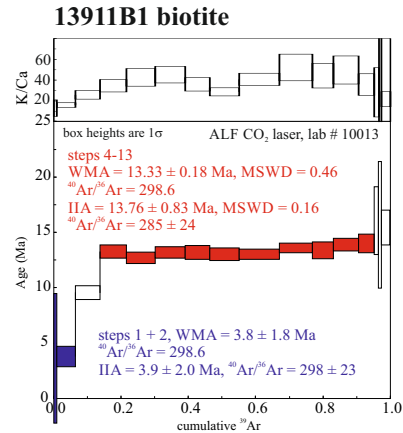
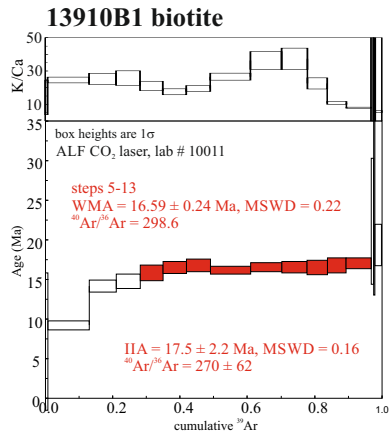
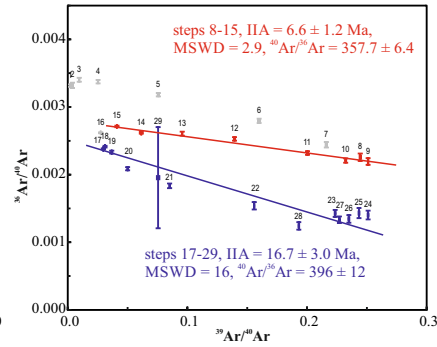
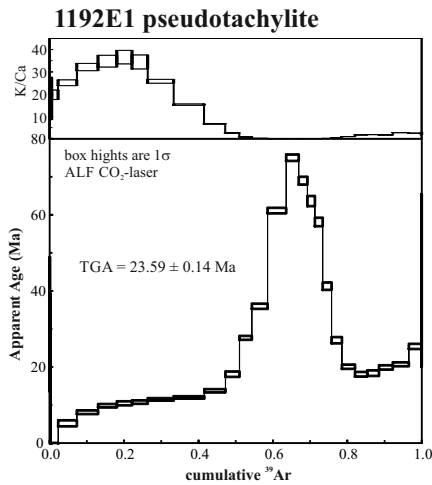
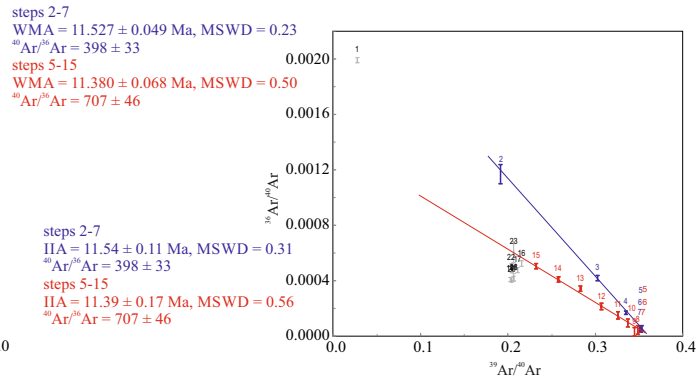
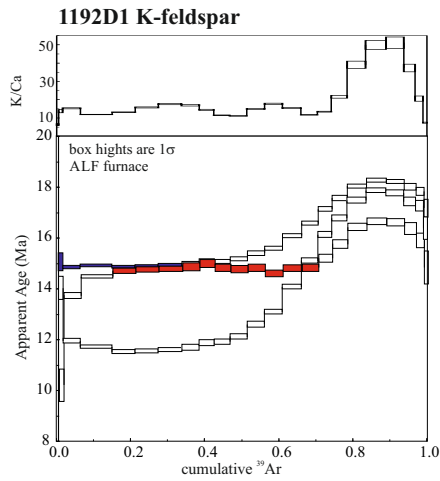
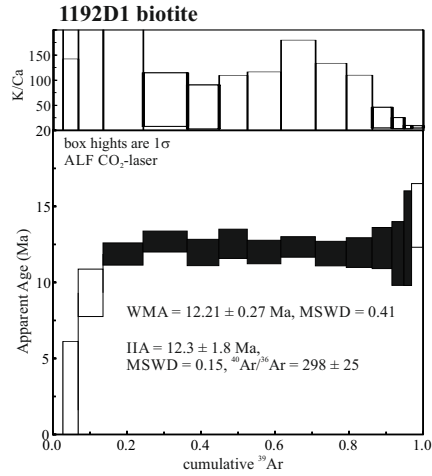
6904G1 biotite



## Western Gunt shear zone, continuation

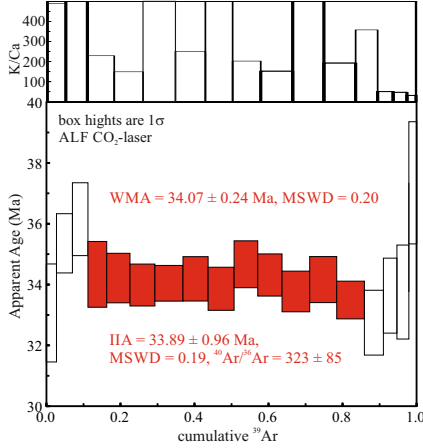


# Western Gunt shear zone, continuation

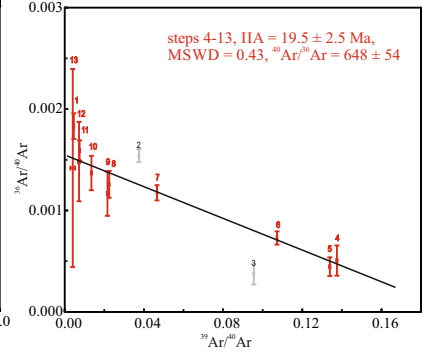
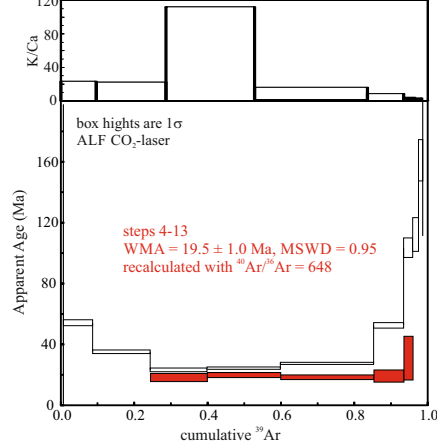


# Eastern Gunt shear zone

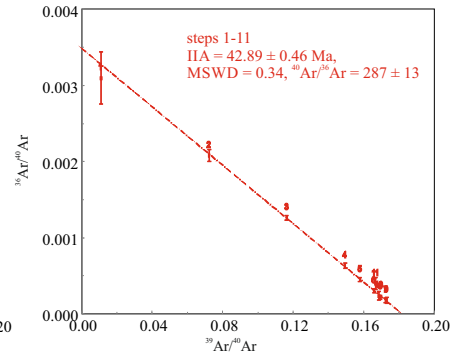
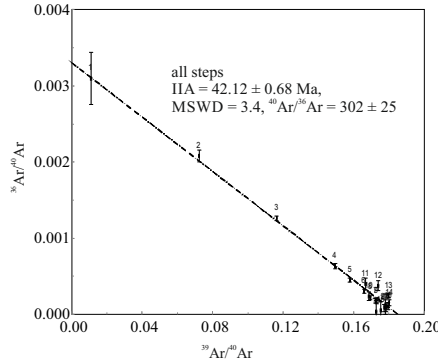
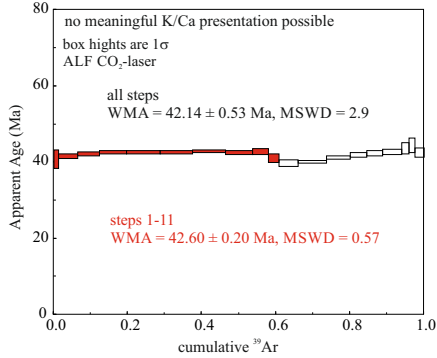
**4726J1 white mica**



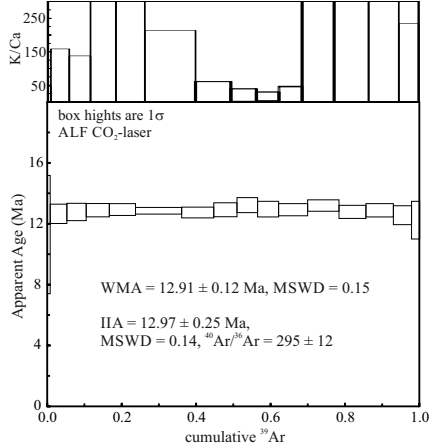
**4726J1 K-feldspar**



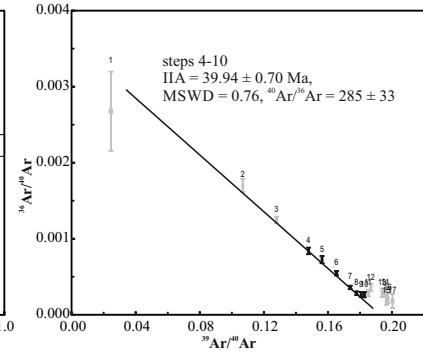
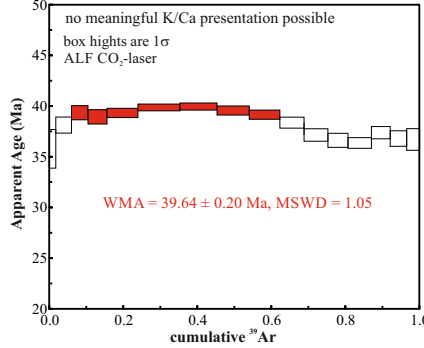
**4726K1 biotite**



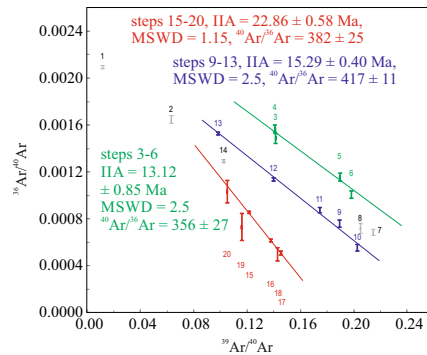
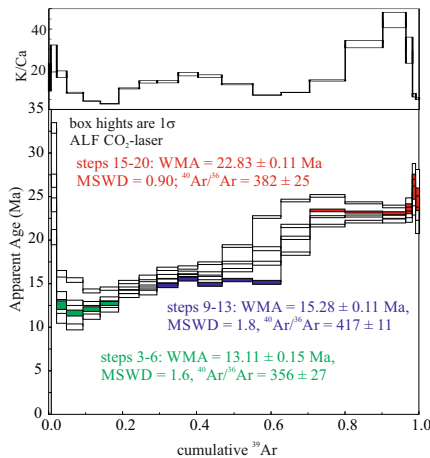
**4726H2 biotite**



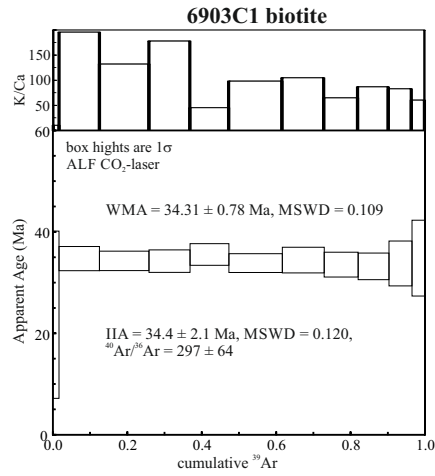
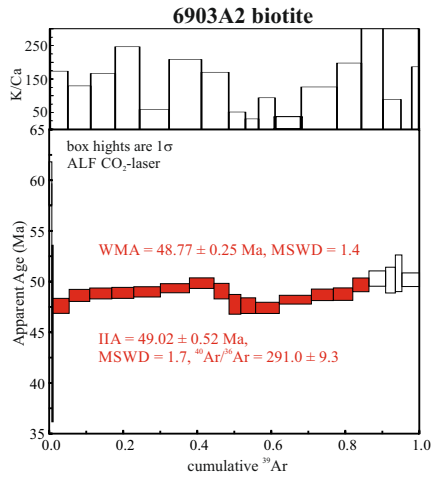
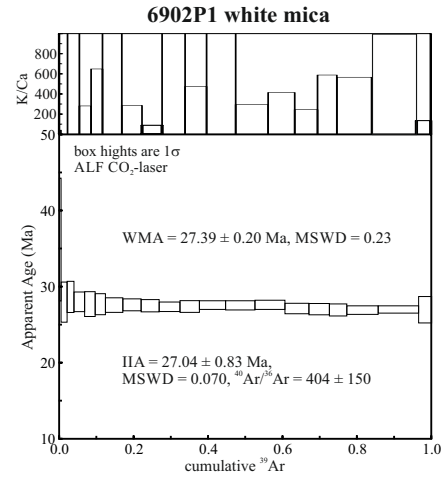
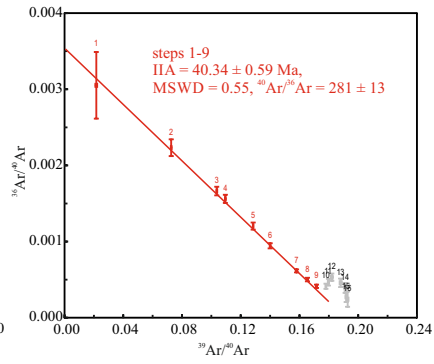
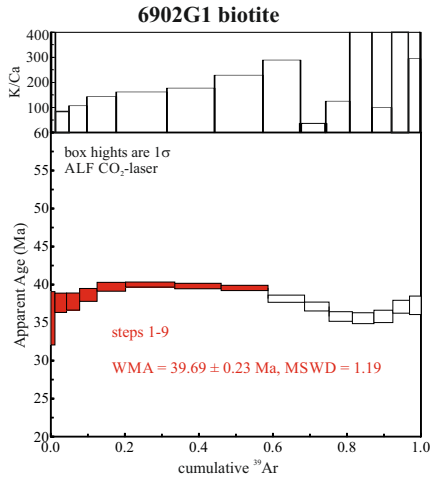
**6902B1 biotite**



**6902C1 K-feldspar**

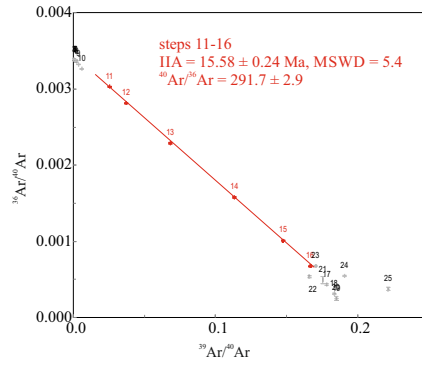
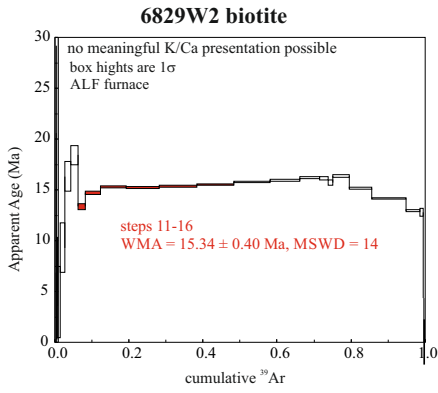


# Eastern Gunt shear zone, continuation

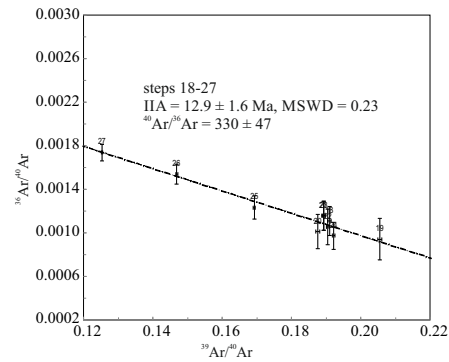
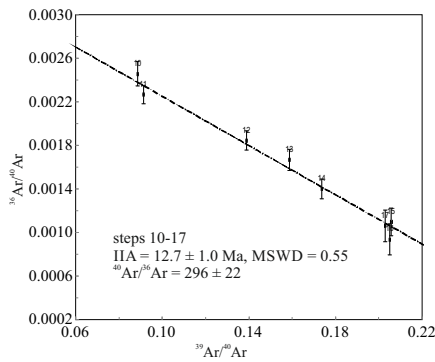
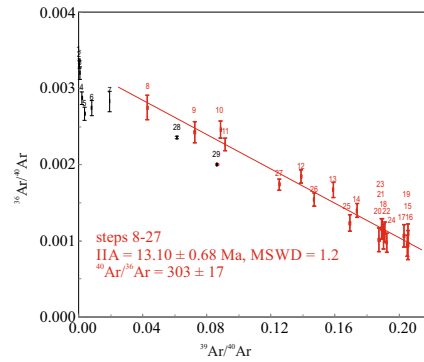
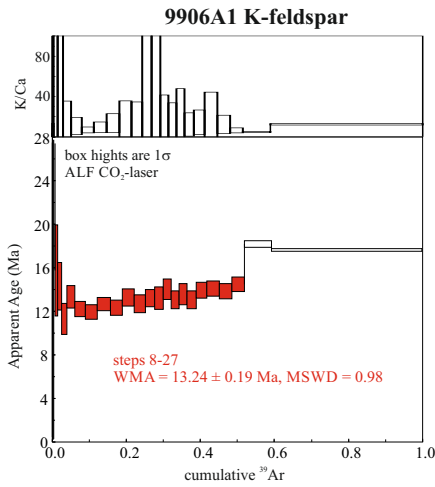




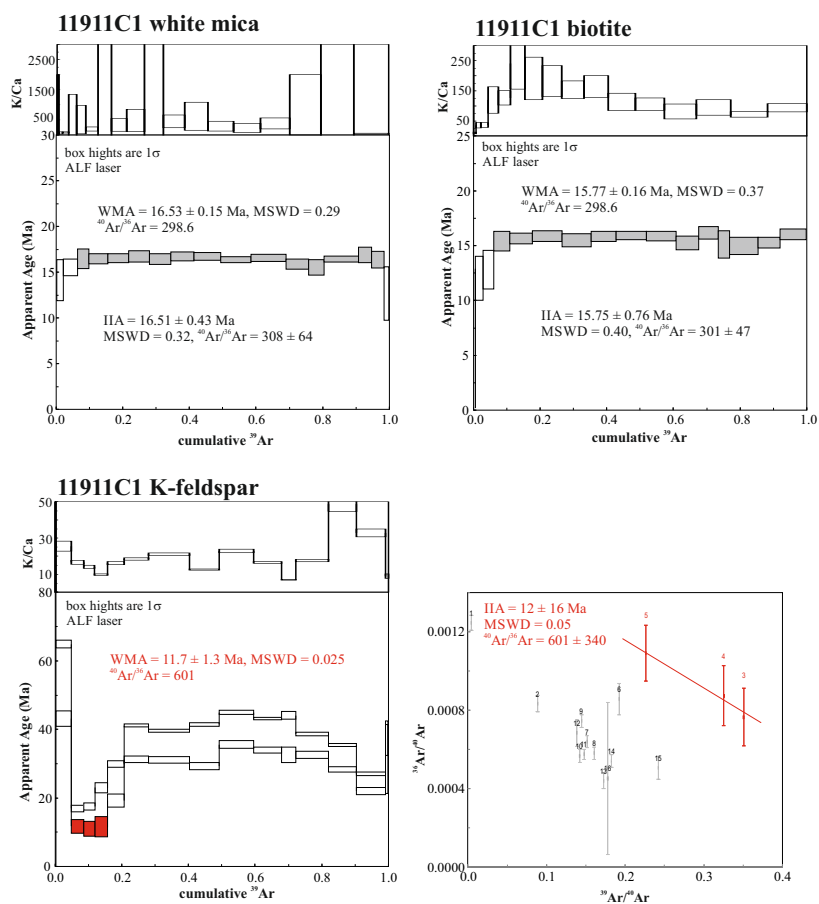
## Shakhdara-dome footwall



## Shakhdara-dome hangingwall



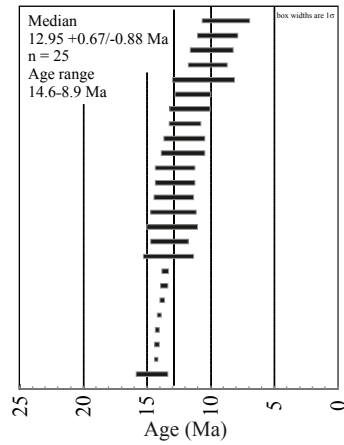
# Shakh dara-dome hangingwall, Zebak-basin conglomerates



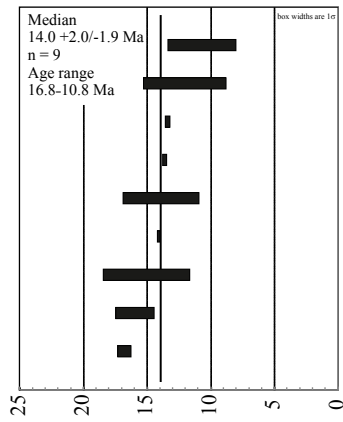
# Alichur dome

laser-spot ablation results

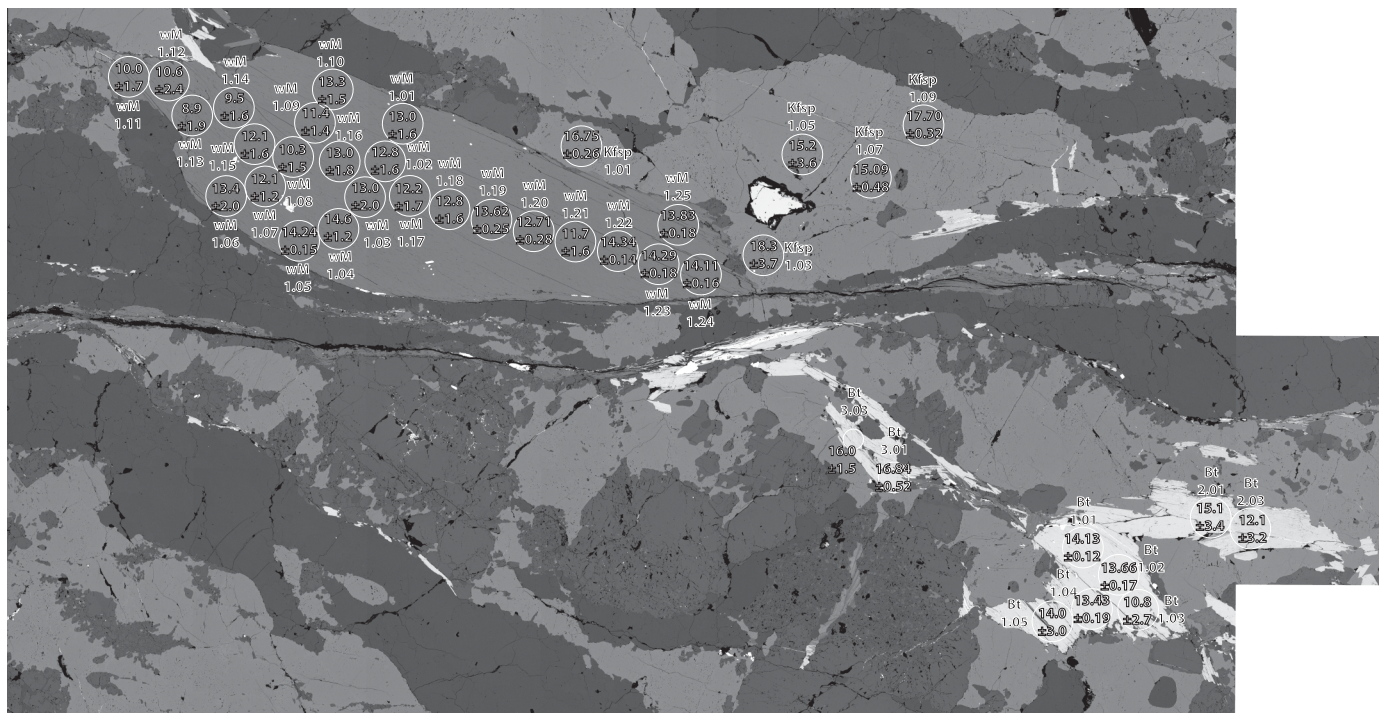
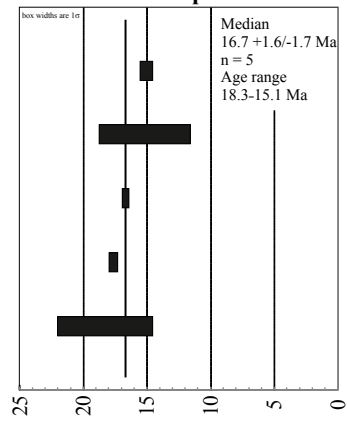
**J3625A1 white mica**



**J3625A1 biotite**

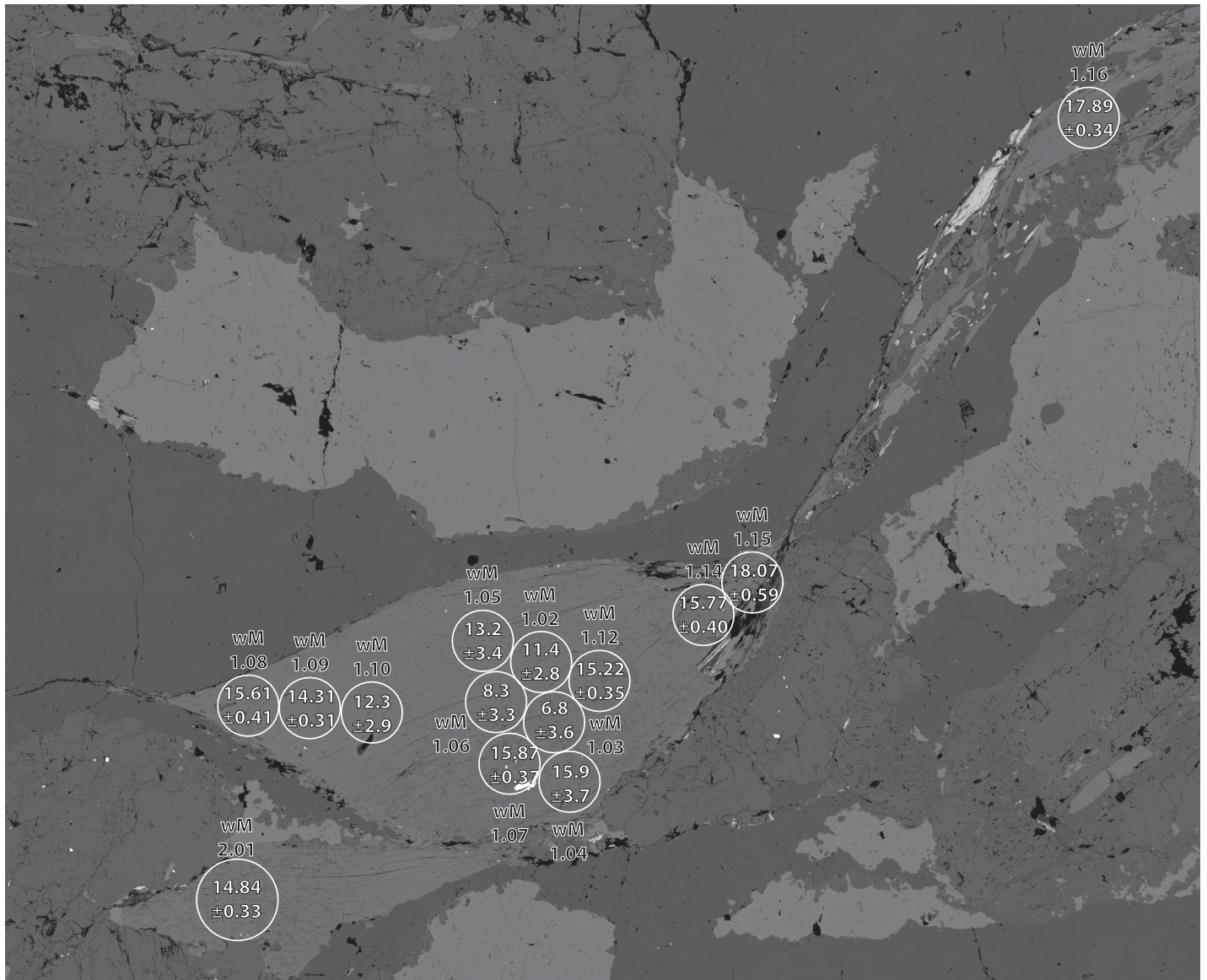
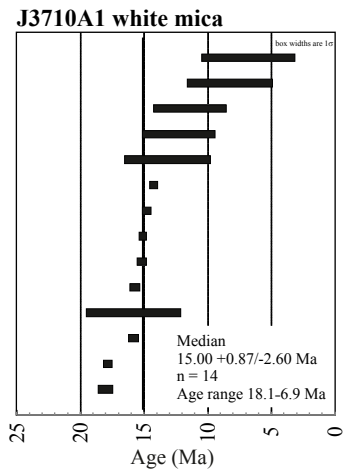


**J3625A1 K-feldspar**



# Alichur dome

laser-spot ablation results



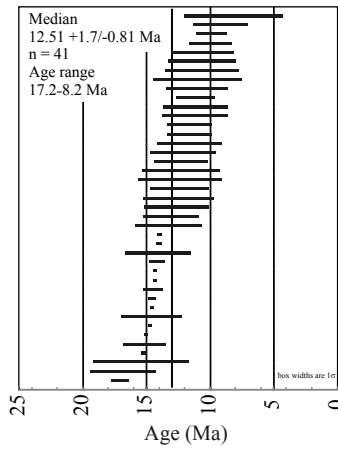
1 mm



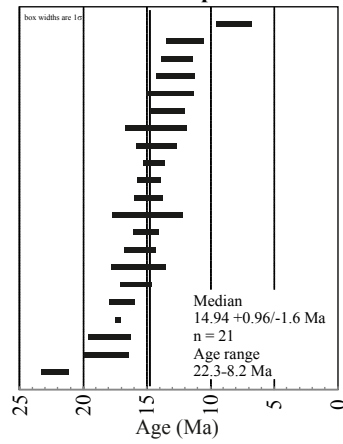
# Alichur dome

laser-spot ablation results

**J4711B1a white mica**



**J4711B1a K-feldspar**



1 mm

